

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date
28 July 2005 (28.07.2005)

PCT

(10) International Publication Number
WO 2005/067735 A2

(51) International Patent Classification⁷:
A21D 8/04, A23C 19/032

A23L 1/27.

(74) Agents: MISSET, Onno et al.; DSM Intellectual Property, Delft Office (600-0240), P.O.Box 1, NL-2600 MA DELFT (NL).

(21) International Application Number:

PCT/EP2005/000442

(81) Designated States (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(22) International Filing Date: 13 January 2005 (13.01.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
04075123.2 13 January 2004 (13.01.2004) EP

(71) Applicant (*for all designated States except US*): DSM IP Assets B.V. [NL/NL]; Het Overloon 1, NL-6411 TE HEERLEN (NL).

(72) Inventors; and

(75) Inventors/Applicants (*for US only*): MUTSAERS, Johanna, Henrica , Gerdina, Maria [NL/NL]; Middenhoven 15, NL-2635 GT DEN HOORN (NL). WENZEL, Thibaut, José [NL/NL]; Constantijn Huygenslaan 45, NL-2332 TS LEIDEN (NL). DE BOER, Lex [NL/NL]; Zonnebloemstraat 7, NL-2292 DH Wateringen (NL). DIJK, VAN, Albertus, Alard [NL/NL]; Cederdreef 32, NL-3137 PB VLAARDINGEN (NL). ROOIJEN, VAN, Rutger, Jan [NL/NL]; Albertine Agneslaan 25, NL-6713 MN EDE (NL).

(84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

WO 2005/067735 A2

(54) Title: NOVEL PROCESS FOR ENZYMATIC BLEACHING OF FOOD PRODUCTS

(57) Abstract: The present invention relates to a process for the production of a food product whereby an intermediate form of said food product comprises a pigment, which process comprises adding at least one enzyme that is effective in directly converting said pigment into a form which results in increasing the whiteness of at least part of the food product compared to the food product for which said enzyme is not added during its production. The invention also relates to food products obtained from the process of the invention.